

E187 (Almanacs)



*From the Fund*  
*Bequeathed to the*  
**Massachusetts Historical Society**  
*BY*  
**James Savage.**

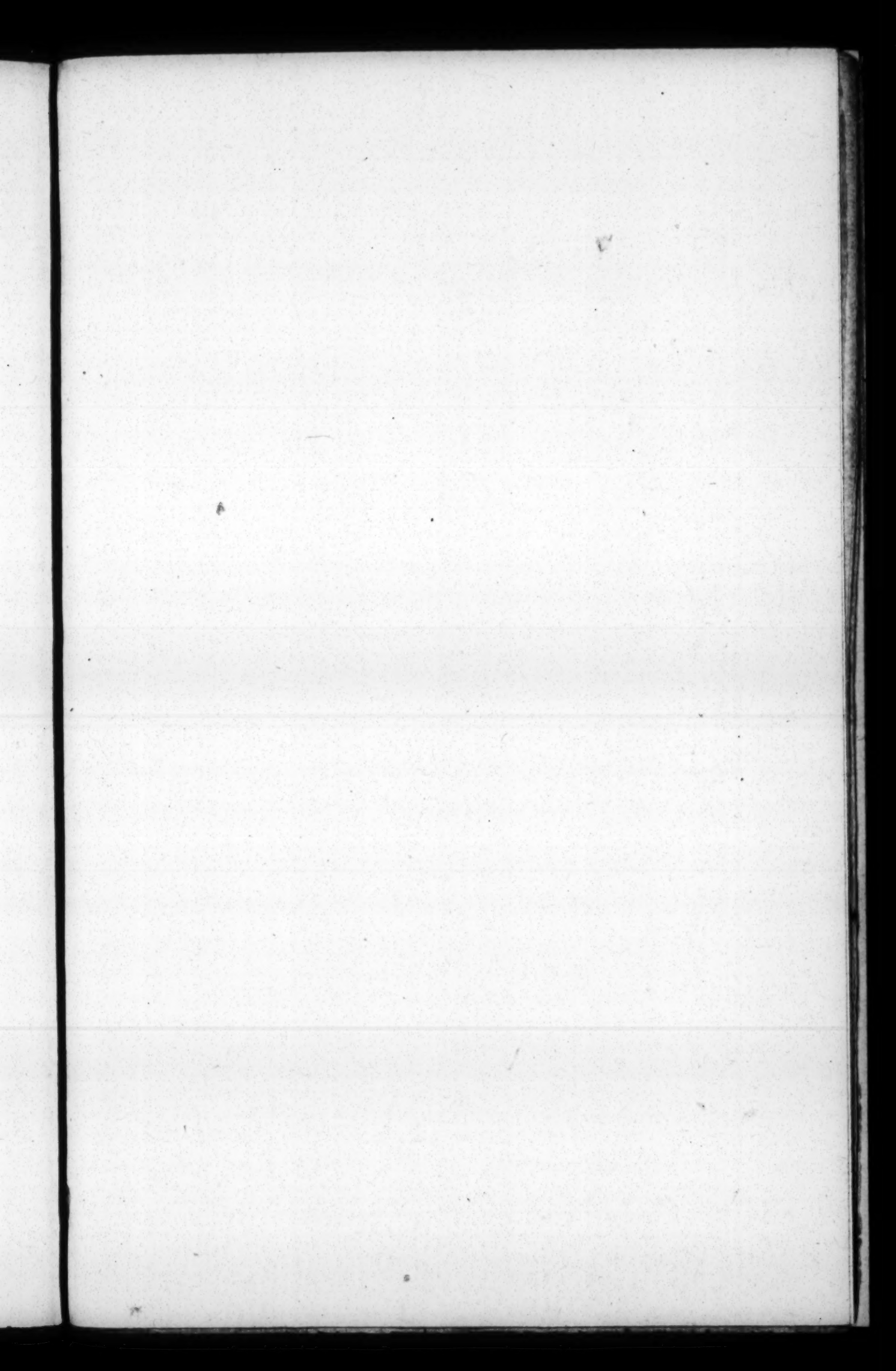
*Received March, 1879*



GOOSEFEED, BOSTON.

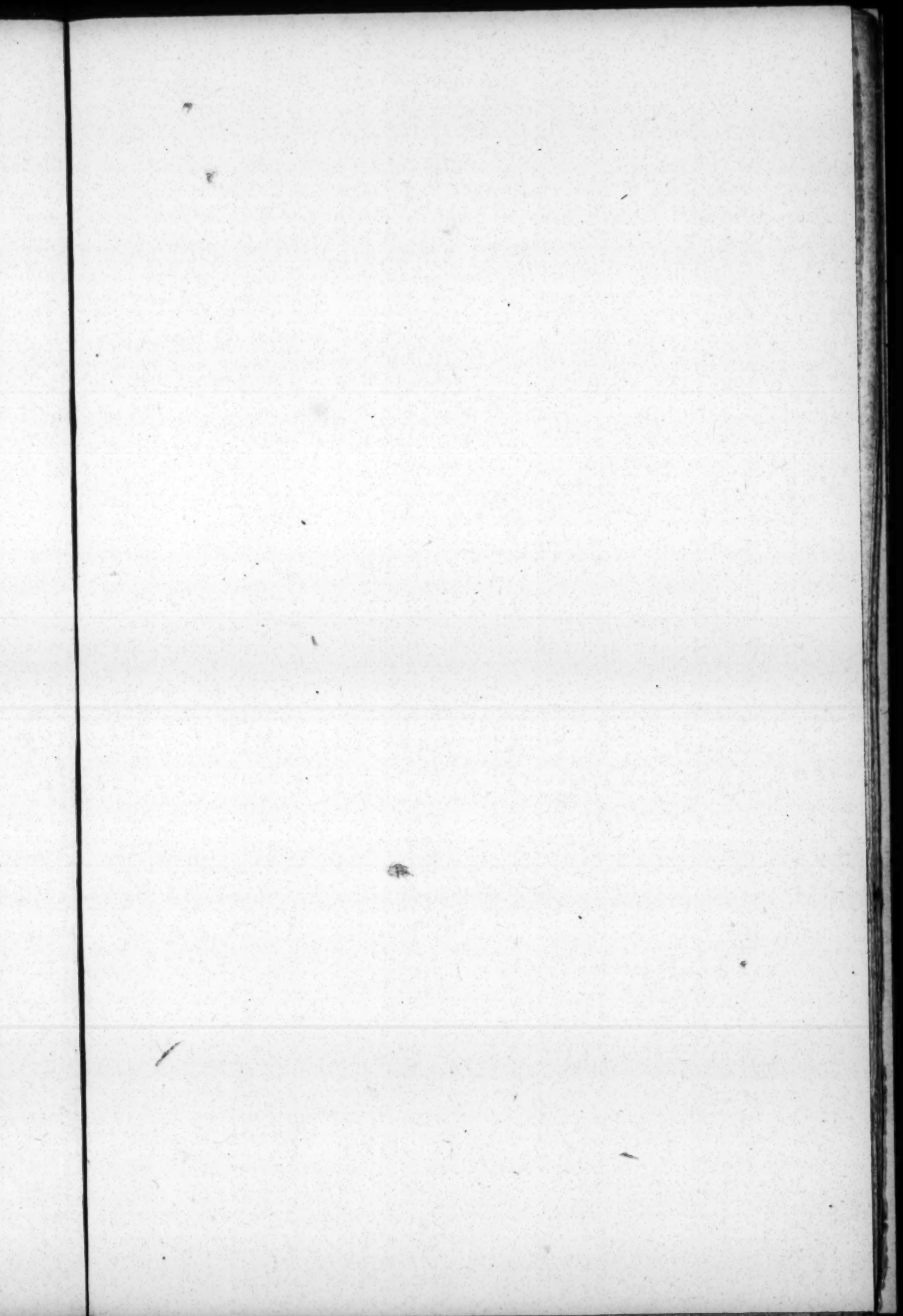
E187















I 6 8 5.

*The BOSTON EPHEMERIS.*

A N

# ALMANACK

Of Coelestial Motions of the Sun &  
Planets, with some of the principal Aspects

For the Year of the Christian ÆRA

MDCCLXXXV.

Being in our Account the second after  
Leap-year, and from the Creation

5634.

*The Vulgar Notes of which are*

Cycle of D	14	} {	Cycle of ☉	14
Roman Indiction	8		Epact	4
Dominical Letter	D			

Fitted to the Meridian of *Boston* in *New-England*,  
where the *Arctick Pole* is elevated 42 gr. 21 m.

*By Nath. Mather Philom.*

BOSTON in NEW-ENGLAND

Printed by and for *Samuel Green.* 1685.



*The Spring Tides this Year may be thus Guesſed at.*

**M**ARCH. From the 11<sup>th</sup> to the 14<sup>th</sup> day in-  
different high.

**APRIL:** The Tides may be pretty high this  
Moneth; the highest may be expected between  
9<sup>th</sup> and 13<sup>th</sup> day.

**MAY.** The Tides about the 8<sup>th</sup> or 9<sup>th</sup> day may  
be very high.

**JUNE.** The Tides will be very high about the  
5<sup>th</sup> and 6<sup>th</sup> days.

**JULY.** The Tides will be pretty high about the  
3<sup>d</sup>, 4<sup>th</sup> & 5<sup>th</sup> days.

**AUGUST.** There is no likelihood of very  
high Tides.

**SEPTEMBER.** The Tides will not be very  
high this moneth.

**OCTOBER.** The Tides will not be very high  
this Moneth; the highest may be between the 17<sup>th</sup>  
& 22<sup>d</sup> day.

**NOVEMBER.** The highest Tides may be be-  
tween the 16<sup>th</sup> & 20<sup>th</sup> day.

**DECEMBER.** The Tides will be very high on  
the 15<sup>th</sup> & 16<sup>th</sup> dayes.

**JANUARY.** The Tides will be very high on  
the 12<sup>th</sup> & 13<sup>th</sup> days.

**FEBRUARY.** The Tides may be pretty high  
from the 10<sup>th</sup> to the 13<sup>th</sup> day.

But many unforeseen Accidents of Wind and  
Weather, may render those conjectures excusable  
if they prove not infallible.



# MARCH hath 31 Dayes.

First quarter 3 day 27 min. past 3 morn

Full moon 10 day 12 min. past 1 aftern

Last quar. 17 day 21 min. past 4 morn

New moon 24 day 8 min. past 5 aftern

M.VV.	Planets asp. &c.	R	S	pl.	place
1d	h 13 8 m m R	6	13	6	21 55 Gemini
22		6	11	6	22 55 13
33	C: Assist: Boston Court	6	10	6	23 55 25
44	♂♂ (Plim:	6	09	6	24 54 Cancer
55	Coun. Court Hartford	6	07	6	25 54 19
66	♂♂	6	05	6	26 54 Leo
77	*♂	6	04	6	27 53 15
8d	♂♂ & ♀	6	03	6	28 53 29
92	♂♂	6	01	6	29 52 Virgo
103	Court Fairfield	6	00	6	00 51 27
114	♂♂	5	59	7	01 51 Li'ra
125	♂♂	5	57	7	02 50 26
136	♂ 8 58 ♀	5	56	7	03 50 Scorp o
147		5	55	7	04 49 26
15d	♂♂♂	5	53	7	05 48 Sagit.
162		5	52	7	06 47 24
173	♂♂	5	50	7	07 46 Capric.
184	♂♂	5	48	7	08 45 22
195	*♂♂	5	46	7	09 44 Aquar
206	♂ 18 50 ♀ R	5	44	7	10 44 19
217	♂♂	5	43	7	11 43 Pisces
22d	Conj. ♀	5	41	7	12 42 14
232	Conj. ♀ & ♀	5	40	7	13 41 27
243	♂♂	5	39	7	14 40 Aries
254	♂♂	5	38	7	15 39 22
265	♂♂	5	37	7	16 38 Taurus
276	♂♂	5	36	7	17 36 16
287	*♂♂	5	34	7	18 35 28
29d		5	33	7	19 34 Gemini
302	*♂♂	5	31	7	20 33 21
313	C: Ipswich & N- Ham:	5	30	7	21 31 C-ncer



# APRIL hath 30 Dayes.

First quar. 1 day 7 min past 5 aftern  
 Full moon 8 day 21 min. past 10 night  
 Last quarter 15 day 58 min. past noon  
 New moon 23 day 58 min. past 8 morn

M.VV. Planets aspects, &c. R O S Opl. Opl. place.

14	h 11 4 m	5 28 7	22 V 30	Cancer
25	△ ☽ ♂	5 27 7	23 29	28
36	△ ☽ ♀	5 26 7	24 27	Leo
47	△ ☽ ♀	5 24 7	25 26	23
5d	♂ Lun h	5 23 7	26 24	Virgo
62	♂ ♀	5 21 7	27 23	21
73	Court at Cambridg	5 20 7	28 21	Libra
84	♂ ♀	5 19 7	29 19	20
95		5 17 7	00 ♂ 18	Scorpio
106	♂ 169 m R	5 16 7	01 16	20
117	♂ ♂	5 14 7	02 14	Sagit
12d		5 13 7	03 13	20
132		5 12 7	04 11	Capric.
143	Court at Salisbury	5 12 7	05 10	18
154		5 10 7	06 07	aquar
165	♂ ♂	5 09 7	07 06	16
176		5 08 7	08 04	29
187	♂ h	5 06 7	09 02	Pisces
19d		5 05 7	10 00	24
202	♂ 14 4 ♀	5 04 7	10 58	aries
213	♂ Lun ♀	5 02 7	11 56	19
224		5 01 7	12 54	Taurus
235		5 00 7	13 52	12
246	♂ ♀	4 59 8	14 50	24
257	♀ 1 9 ♂	4 58 8	15 47	Gemini
26d		4 56 8	16 45	18
272	♂ ♀	4 55 8	17 43	Cancer
283	Coun: Court Boston	4 54 8	18 41	12
294		4 53 8	19 39	24
305	♀ 6 15 II	4 52 8	20 36	Leo

# MAY hath 31 Days.

First quar. 1 day 52 min. past 4 morn  
 Full moon 8 day 11 min past 6 morn  
 Last quar. 14 day 22 min. past 11 night  
 New moon 23 day 24 min. past 1 morn.  
 First quar. 30 day 20 min. past 10 night.

M W	Plan.aspects &c.	R	S	Pl.	D	place
16	h 10 17 m	4	51	8	21	24 Leo
27	♂ Lun h	4	47	8	22	32 Virgo
3d		4	48	8	23	29 15
42	♂ ♂ ♀	4	47	8	24	27 29
53	♂ ) Jup.	4	46	8	25	25 Libra
64		4	45	8	26	22 28
75	♂ Lun ♂	4	44	8	27	20 Scorpio
86	♂ ) ♂	4	43	8	28	17 28
97		4	42	8	29	15 Sagitta.
10d	Jup. 13 25 = ) ♄	4	41	8	00	12 28
112		4	41	8	01	10 Capric
123		4	40	8	02	07 28
134	* Lun ♀	4	39	8	03	05 aquarie
145	Court ELECT. Harf.	4	38	8	04	02 25
156	♂ ) h	4	38	8	05	00 Pisces
167		4	37	8	05	57 21
17d		4	36	8	06	54 aries
182	♂ ☉ ♂	4	35	8	07	52 16
193		4	34	8	08	49 28
204	♂ 7 2 1	4	34	8	09	45 Taurus
215	☐ ☉ h	4	33	8	10	44 21
226	♂ ☽ ♂	4	32	8	11	41 Gemini
237		4	32	8	12	38 15
24d	♂ Lun ♀	4	31	8	13	35 27
252	♀ 7 56 II ) ♄	4	31	8	14	33 Cancer
263	C. Assist. Hartford	4	30	8	15	30 21
274	Court ELECT. Boston	4	30	8	16	27 Leo
285		4	29	8	17	24 16
296	☐ ♀ ♂	4	28	8	18	21 28
307	♂ ) h	4	28	8	19	19 Virgo
31d	♀ 3 21 ☽	4	28	8	20	16 25



# JUNE hath 30 Dayes.

Full moon 6 day 23 min. past noon  
 Last quarter 13 day 3 min. past noon  
 New moon 21 day 12 min. past 3 aftern  
 First quar. 29 day 33 min past 6 morn

M.VV. Planets aspects, &c. R ☉ S ☉ pl. ☾ place

1 2	Artil. Election Bolton	4 28 8	21 II 13	Libra
2 3	C. ELECTION Plim.	4 27 8	22 10	22
3 4	(C New-London	4 27 8	23 07	Scorpio
4 5	♂♂)	4 27 8	24 04	22
5 6	♂♀D	4 27 8	25 01	Sagit
6 7	♂♂♂♂	4 27 8	25 58	22
7 d		4 26 8	26 56	Capric.
8 2	☐D♂	4 26 8	27 53	22
9 3	♂☉♀	4 26 8	28 50	aquar
10 4	Court New-Hav en	4 26 8	29 47	20
11 5	♂♂D	4 26 8	00 41	Pisces
12 6		4 26 8	01 40	17
13 7	☐Lun ♀	4 26 8	02 38	aries
14 d	♂ Lun ♀	4 26 8	03 35	12
15 2	* Lun ♀	4 26 8	04 32	24
16 3	Court at Charlstown	4 27 8	05 29	Taurus
17 4		4 27 8	06 26	18
18 5	♂☉♀	4 27 8	07 23	Gemini
19 6		4 27 8	08 20	12
20 7	♂ 12.17 m ♀ D♂	4 28 8	09 17	24
21 d		4 28 8	10 14	Cancer
22 2		4 28 8	11 11	18
23 3	△Lun ♂	4 28 8	12 09	Leo
24 4	☐Lun ♂ ☐♂♀	4 28 8	13 06	13
25 5	☐☉♂	4 29 8	14 03	25
26 6	♂ Lun ♀	4 29 8	15 00	Virgo
27 7	* Lun ♂	4 30 8	15 57	21
28 d		4 31 8	16 54	Libra
29 2		4 31 8	17 51	18
30 3	Court at Salem	4 32 8	18 48	Scorpio



# JULY hath 31 Dayes.

Full moon 5 day 27 min past 8 night  
 Last quar. 13 day 4 min past 3 morn  
 New moon 21 day 45 min past 4 morn  
 First quar. 28 day 22 min past noon

M.w.	Plan. Aspect, &c.	R S	pl.	place
1 4	COMMENCEMENT	4 32 8	19 45	Scorpio
2 5	♂ Lun ♂	4 32 8	20 42	Sagitta
3 6		4 34 8	21 39	15
4 7	Lun ☿ ♂ ♀ Lun	4 34 8	22 37	Capric
5 d		4 35 8	23 34	15
6 2	Artil. Elect. Salem	4 36 8	24 31	Aquar
7 3	Court at Plimouth	4 37 8	25 28	15
8 4		4 37 8	26 25	29
9 5	♂ Lun ♀	4 38 8	27 22	Pisces
10 6	♂ 15 29 = D	4 39 8	28 20	25
11 7	♂ ♀ Lun	4 40 8	29 17	Aries
12 d		4 41 8	00 14	21
13 2	* ♀	4 41 8	01 11	Taurus
14 3	☐ ♀	4 43 8	02 08	15
15 4	△ ☉ ♂ ♂ Lun ♂	4 44 8	03 06	27
16 5		4 45 8	04 03	Gemini
17 6	Lun ♀	4 46 8	05 00	20
18 7		4 47 8	05 58	Cancer
19		4 48 8	06 55	14
20 2	♂ 3 36 ♀	4 49 8	07 52	27
21 3	♂ Lun ♀	4 51 8	08 50	Leo
22 4		4 52 8	09 47	22
23 5	△ Mars ♀	4 52 8	10 44	Vi rgo
24 6	♂ Lnn ♀	4 53 8	11 42	18
25 7	* L n Mars	4 54 8	12 39	Libra
26 d		4 55 8	13 37	15
27 2		4 56 8	14 34	29
28 3	County Court Boston	4 58 8	15 32	Scorpio
29 4	♂ ☉ ♀	4 59 8	16 29	27
30 5	* ♀ * Lun ♀	5 00 7	17 27	Sagitta
31 6	♀ ☉ 23 ♀	5 01 7	18 24	25

# AUGUST hath 31 Dayes:

Full moon 4 day 4 min. past 7 moyn

Last quar. 11 day 8 hour n ght.

New moon 19 day 33 min past 5 aftern

First quarter 26 day 33 min. past 4 aftern

M. VV.	Planets asp. &c.	R O S	pl.	D place
1 7	h 16 26 m D	5 02 7	19	Capric 22
2 d		5 03 7	20	24
3 2	* D ♂	5 05 7	21	17 Aquar
4 3	♂ ☾ ♀	5 06 7	22	15 23
5 4	♂ ☾ ♀ ♂ ☾ h	5 08 7	23	12 Pisces
6 5		5 08 7	24	10 20
7 6		5 09 7	25	08 Aries
8 7	♂ ☾ ♀	5 10 7	26	06 16
9 d	☐ ♂ ♀	5 12 7	27	03 29
10 2	♂ 20 0 ☾	5 13 7	28	01 Taurus
11 3		5 14 7	28	59 23
12 4	☐ ♂ ♀	5 16 7	29	57 Gemini
13 5	☾ ☽	5 17 7	00	55 16
14 6	♂ h ♀ & ♀	5 19 7	01	53 28
15 7		5 20 7	02	51 Cancer
16 d		5 21 7	03	49 22
17 2	Conj. ♀ & ♀	5 23 7	04	47 Leo
18 3		5 24 7	05	45 18
19 4		5 26 7	06	43 Virgo
20 5	♂ 17 16 ♀	5 27 7	07	41 14
21 6		5 28 7	08	39 28
22 7	* D ♂	5 30 7	09	37 Li'ra
23 d	♂ ☾ ♀	5 31 7	10	36 25
24 2	☐ h ♂	5 33 7	11	34 Scorpo
25 3		5 34 7	12	32 23
26 4		5 36 7	13	30 Sagit.
27 5	☾ ☽	5 37 7	14	29 22
28 6		5 38 7	15	27 Capric.
29 7		5 40 7	16	25 20
30		5 41 7	17	24 Aquar
31 2	♂ 8 39 ♀	5 43 7	18	22 18



# SEPTEMBER hath 30 Dayes.

Full moon 2 day 2 min. past 4 aftern  
 Last quar. 10 day 18 min. past 5 aftern  
 New moon 18 day 16 min past 5 morn.  
 First quar. 24 day 20 min past 10 night

M.W.	Planets asp. &c.	R	S	Pl.	place
1 3	Court Assist Boston	5 44	7 19	21	Pisces
2 4	☉ ☿ ☽ ☿	5 46	7 20	19	15
3 5	County Co. Hartford	5 47	7 21	18	28
4 6		5 49	7 22	16	aries
5 7	☿ ☽ ☿	5 50	7 23	15	24
6 d		5 51	7 24	14	Taurus
7 2	☿ ☽ ☿	5 53	7 25	12	19
8 3		5 53	7 26	11	Gemini
9 4		5 54	7 27	10	13
10 5	♀ 24 28 ☿ ☽ ☿	5 56	7 28	09	24
11 6		5 57	7 29	08	Cancer
12 7	☿ ☽ ☿	5 59	7 00	07	18
13 d	☿ ☽ ☿	6 00	6 01	06	Leo
14 2	Artil. Elect. Cambr.	6 01	6 02	05	12
15 3	Court New-London	6 03	6 03	04	26
16 4		6 04	6 04	03	Virgo
17 5		6 06	6 05	02	23
18 6	☿ ☽ ☿	6 07	6 05	01	Libra
19 7		6 09	6 07	00	21
20 d	☿ ☽ ☽ ☽	6 10	6 07	59	Scorpio
21 2		6 11	6 08	58	20
22 3	C. Ipsw. & Springfield	6 13	6 09	58	Sagitta.
23 4	☿ ☽ ☿	6 14	6 10	57	17
24 5		6 16	6 11	56	Capric
25 6	* ☿ ☽	6 17	6 12	56	16
26 7	☿ ☽ ☿	6 19	6 13	55	Aquar
27 d	☿ ☽ ☿	6 20	6 14	54	14
28 2	☿ ☽ ☿	6 22	6 15	54	28
29 3	* ☿ ☽	6 23	6 16	53	Pisces
30 4	♀ 15 38 Scorpio	6 24	6 17	53	24



# OCTOBER hath 31 Dayes.

Full moon 2 day 59 min. past 5 morn  
 Last quar. 10 day 44 min. past 8 morn.  
 New moon 17 day 18 min. past 4 aftern  
 First quar. 24 day 13 min. past 5 morn  
 Full moon 31 day 49 min past 10 night

M W	Plan. aspects &c.	R	☉	S	☉ pl.	place
1 5	h 23 50 m	6	26	6	18 53	aries
2 6		6	28	6	19 52	20
3 7	☐ ☾ Jup	6	29	6	20 52	Taurus
4 d		6	30	6	21 51	15
5 2	△ Lun ♀	6	32	6	22 51	27
6 3	Court Cambridge	6	34	6	23 51	Gemini
7 4	☾ ☿	6	35	6	24 51	21
8 5	* h ♀	6	37	6	25 51	Cancer
9 6	♂ Lun ♂	6	39	6	26 50	14
10 7	♀ 2 16 m	6	40	6	27 50	26
11 d		6	41	6	28 50	Leo
12 2		6	42	6	29 50	21
13 3	C. Assist. Hartford	6	43	6	00 m 50	Virgo
14 4		6	44	6	01 50	17
15 5	* Lun ♀	6	45	6	02 50	Libra
16 6	☉ ☿ ♂ Lun ♀	6	47	6	03 50	15
17 7		6	48	6	04 50	29
18 d		6	49	6	05 51	Scorpio
19 2	△ h ♂	6	50	6	06 51	29
20 3	♀ 10 11 7 ☿	6	51	6	07 51	Sagitta.
21 4		6	53	6	08 51	28
22 5		6	54	6	09 52	Capric
23 6	♂ Lun ♂	6	55	6	10 52	27
24 7		6	56	6	11 52	aquarie
25 d		6	58	6	12 53	25
26 2	△ Lun ♀	7	00	5	13 53	Pisces
27 3	C. Boston & Plimouth	7	01	5	14 54	21
28 4		7	02	5	15 54	aries
29 5	△ Lun & Venus	7	04	5	16 55	16
30 6		7	05	5	17 55	29
31 7	♂ 4 30 m	7	06	5	18 56	Taurus

# NOVEMBER hath 30 Dayes.

Last quar. 9 day 5 min. past 3 morn

New moon 16 day 39 min past 3 morn

First quar. 22 day 15 min. past 6 aftern

Full moon 30. day 47 min past 5 aftern

M W	Plan. Aspects &c.	R. ☉ S.	☉ pl.	place
1 d	h 27 5 m	7 07 5	19 m 56	Taurus
2 2	☐ ♂ ♀	7 08 5	20 57	Gem ni
3 3	Court at Fairfield	7 19 5	21 58	17
4 4	♂ ♀	7 11 5	22 58	29
5 5	☐ ♂ ♀	7 12 5	23 59	Cancer
6 6		7 13 5	25 00	23
7 7	☐ Lun ♀	7 14 5	26 00	Leo
8 d		7 15 5	27 01	17
9 2	* h ☉	7 16 5	28 02	29
10 3	♀ 9 0 m	7 17 5	29 03	Virgo
11 4	County Co. N. Haven	7 18 5	00 04	25
12 5		7 19 5	01 05	Libra
13 6	* Jup ♀	7 20 5	02 06	23
14 7		7 21 5	03 06	Scorpio
15 d		7 22 5	04 07	22
16 2	* h ♀	7 22 5	05 08	Sagitta.
17 3	☾ ♀	7 23 5	06 09	22
18 4	♂ Lun ♀	7 24 5	07 10	Capric.
19 5		7 25 5	08 11	22
20 6	♀ 4 42 ♀	7 25 5	09 12	Aquar
21 7		7 26 5	10 13	21
22 d	△ Lun Jup.	7 27 5	11 14	Pisces
23 2		7 27 5	12 16	18
24 3	Court Salem	7 28 5	13 17	Aries
25 4		7 29 5	14 18	13
26 5		7 29 5	15 19	Taurus
27 6	♂ Lun Jup.	7 30 5	16 20	08
28 7	♂ ☉ ♀	7 31 5	17 21	20
29 d		7 32 5	18 22	Gemini
30 2		7 32 5	19 22	14



# DECEMBER hath 31 Dayes.

Last quar. 8 day 28 min past 3 afie n  
 New moon 15 day 48 min past noon  
 First quar. 22 day 43 min past 9 morn  
 Full moon 30 day 19 min past 1 aftern

M.w.	Plan. Aspect, &c.	R	S	☉ pl.	☾ place
1 3	♈ 13 15 m ☽♂	7	32 5	20 125	Gemini
2 4	△☽♂	7	32 5	21 26	Cancer
3 5		7	33 5	22 27	20
4 6	*☾♂	7	33 5	23 28	Leo
5 7	☐☾♂	7	33 5	24 30	14
6 8	☐☾♂	7	33 5	25 31	26
7 2	*☽♀	7	34 5	26 32	Vi rgo
8 3		7	34 5	27 33	21
9 4		7	34 5	28 35	Libra
10 5	♂ 4 1 ✕	7	34 5	29 36	17
11 6		7	34 5	☉☽ 37	Scorpio
12 7		7	34 5	01 39	16
13 8	☐☾♂	7	34 5	02 40	Sagitta
14 2	Lun ☽	7	34 5	03 41	15
15 3	Court at Charlstown	7	34 5	04 42	Capric
16 4	*☾♀	7	33 5	05 44	16
17 5	*☾Jup	7	33 5	06 45	Aquar
18 6	☐☾Jup:	7	33 5	07 47	16
19 7		7	33 5	08 48	Pisces
20 1	♀ 23 36 ✕	7	32 5	09 49	14
21 2		7	32 5	10 50	27
22 3		7	32 5	11 52	Aries
23 4	*☾♀	7	32 5	12 53	23
24 5		7	31 5	13 54	Taurus
25 6	△☾♀	7	30 5	14 55	17
26 7	*☉♂	7	30 5	15 57	29
27 8	Lun ☽	7	29 5	16 59	Gemini
28 2	*☉♂	7	29 5	17 59	23
29 3	△Jup♂	7	28 5	19 00	Cancer
30 4		7	28 5	20 02	17
31 5	♀ 8 44 ✕	7	27 5	21 03	29



# JANUARY hath 31 Dayes.

Last quar. 7 day 35 min past 8 morn  
 New moon 13 day 22 min past 7 aftern  
 First Quarter 21 day 13 min past 4 morn  
 Full moon 29 day 35 min past 5 morn

M: W	place	Aspect, &c:	R	☉	S	☽	pl	place
1 6	♂ 20 21	☿	7 26 5	22	☽	04	Leo	
2 7			7 26 5	23	05		25	
3 d	♂ ☽ ♀		7 25 5	24	06	Virgo		
4 2	♂ ☽ ♂		7 24 5	25	07		18	
5 3	♂ ☽ ♀		7 23 5	26	08	Libra		
6 4	☽ ☽ ♀		7 22 5	27	09		14	
7 5			7 22 5	28	11		27	
8 6			7 21 5	29	12	Scorpio		
9 7	☽ sol ♀		7 19 5	00	☽	14	25	
10 d	♀ 17 19	☿	7 18 5	01	15	Sagitta.		
11 2	☽ ☽		7 17 5	02	16		24	
12 3			7 16 5	03	17	Capric		
13 4	☽ ☽ ♀		7 15 5	04	18		24	
14 5	♂ ☽ Mars		7 14 5	05	19	aquar		
15 6			7 13 5	06	20		24	
16 7			7 12 5	07	21	Pisces		
17 d	☽ ☽ Jup		7 11 5	08	22		22	
18 2			7 09 5	09	23	aries		
19 3			7 08 5	10	24		19	
20 4	♀ 10 5	☿	7 07 5	11	25	Taurus		
21 5			7 06 5	12	26		14	
22 6	♂ ☽ ♀		7 05 5	13	27		26	
23 7	* ♂ ♀		7 04 5	14	28	Gemini		
24 d	☽ ☽		7 02 5	15	29		20	
25 2			7 01 5	16	30	Can	10	
26 3	Coun. Court Boken		7 00 5	17	30		13	
27 4			6 59 6	18	31		25	
28 5			6 58 6	19	32	Leo		
29 6	☽ ☽ Jup		6 56 6	20	33		20	
30 7			6 55 6	21	33	Virgo		
31 d	☽ 28 55	☿	6 54 6	22	34		15	

# FEBRUARY hath 28 Days.

Last quar. 5 day 20 min. past 3 aftern  
 New moon 12 day 49 min past 8 morn.  
 First quar. 19 day 11 hour night  
 Full moon 27 day 43 min. past 4 aftern

M.W.	Planets asp. &c.	R	☉	S	☉	pl.	» place
1	2 ♀ 3 4 8 ♀ ♂ ♀ ♀	6	52	6	23	35	Virgo
2	3 ♂ ♂ ♂	6	50	6	24	35	Libra
3	4 ☐ ♀	6	48	6	25	36	24
4	5	6	47	6	26	36	Scorpio
5	6 ♂ ♀	6	47	6	27	37	21
6	7 ♂ ♀	6	46	6	28	38	Sagitta.
7	d Trine ♀ Mars	6	44	6	29	38	19
8	2	6	42	6	00	38	Capric
9	3	6	40	6	01	39	18
10	4 ♀ 22 35 Scorpio	6	39	6	02	39	Aquar
11	5	6	37	6	03	40	17
12	6	6	37	6	04	40	Pisces
13	7	6	36	6	05	40	16
14	d ♂ ♀	6	35	6	06	41	aries
15	2 ♂ ♂ ♀	6	34	6	07	41	14
16	3 ♂ ♂ ♂	6	32	6	08	41	27
17	4	6	30	6	09	41	Taurus
18	5 Δ ♀	6	29	6	10	41	22
19	6	6	28	6	11	41	Gemini
20	7 ♂ 26 44 ♀	6	27	6	12	42	16
21	d ☐ ♀	6	26	6	13	42	28
22	2	6	24	6	14	42	Cancer
23	3 * ♀	6	22	6	15	42	21
24	4	6	20	6	16	42	Leo
25	5 ☐ ♀ Jup	6	19	6	17	41	16
26	6 Δ ♂ Δ ♀	6	17	6	18	41	28
27	7	6	16	6	19	41	Virgo
28	d ♀ 27 3	6	14	6	20	41	24



**I**T will not be unpleasant in this Page, which would otherwise be vacant; to take a short view of the Discoveries that have been made in the Heavens with, and since the invention of the Telescope. 1. By the Telescope it is discerned that there are spots in the body of the *Sun*, from which it is supposed that he hath a motion about his Axis in about 26 dayes. 2. It is also observed that *Jupiter* hath four satellites moving about him, and sometimes eclipsing of him. And lately there is discovered by Mr. *Hook*, and Signior *Cassini* a spot making 882 Revolutions in 365 dayes, whence *Jupiters* rotation upon his Axis is found to be in 9 h. 56. which is found to be of much better use for determining the Longitude of places than either the Eclipses of the Sun or Moon. 3. Astronomers have about 30 years ago found that *Saturn* hath a Moon moving round him in about 16 dayes; and within these 20 years two other Planets are detected by Sig. *Cassini* the outmost of which makes one revolution in 80 dayes; the innermost in 4 dayes and an half. 4. M. *Hook* & *Cassini* have found a spot in *Mars* whence his Revolution on his axis is thought to be finished in 24 h. 40 m. 5. The like hath been found in *Venus* & *Mercury* whereof the one is by observation found to make its Revolution about its axis in 23 h. the other in 6 h. N.B. All these spots are observed to pass the under Hemisphere from the East to the West.

There are many other things very pleasant and not less remarkable about the phases of the Planets, the satellites eclipsing *Jupiter*, and the spots about these Planets which because there is not room cannot be mentioned now but perhaps may be hereafter.





## *Concerning Eclipses this Year.*

**T**Here will be only one Eclipse, and that of the Moon, visible here in *New-England*, which will be a total Eclipse.

On *November* the 30th.

The Eclipse begins about 3. b. 54. m. 49. sec. in the afternoon.

The true  $\phi$  of  $\odot$  and  $\lrcorner$  will be about 5. b. 49. m.

Total darkness begins 5. b. 13. m.

Total darkness ends 7. b. 0. m. 52. sec.

The Eclipse ends 7. b. 43. m. 11. sec.

Lasteth 3. b. 48. m. 22. sec.

Digits Eclipsed about 20.



*F I N I S.*



Ex dono Praefidi Re-  
verendi.

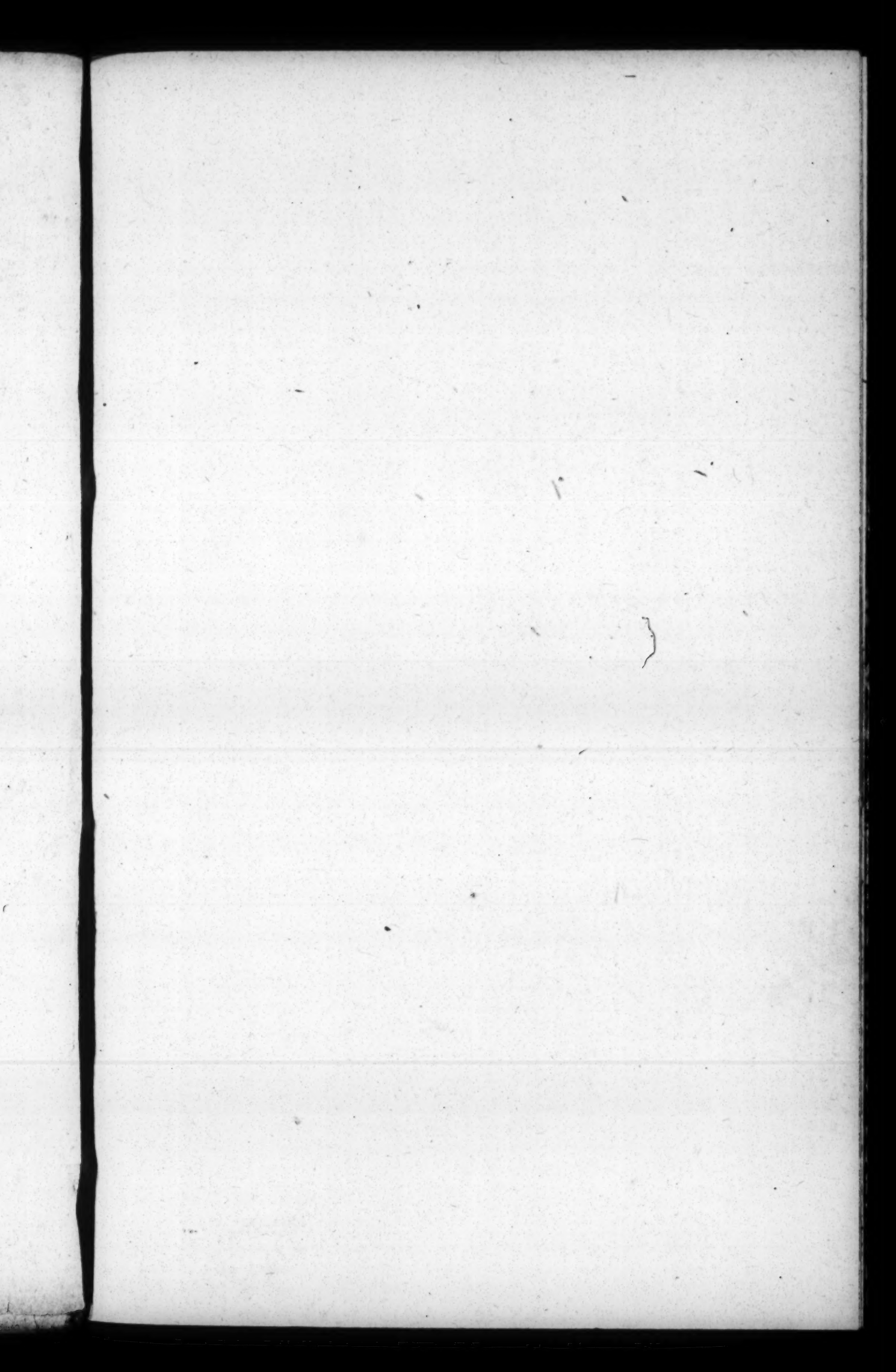
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Qui obiit Julij 2. Sepultus est  
Julij 3. 1684.

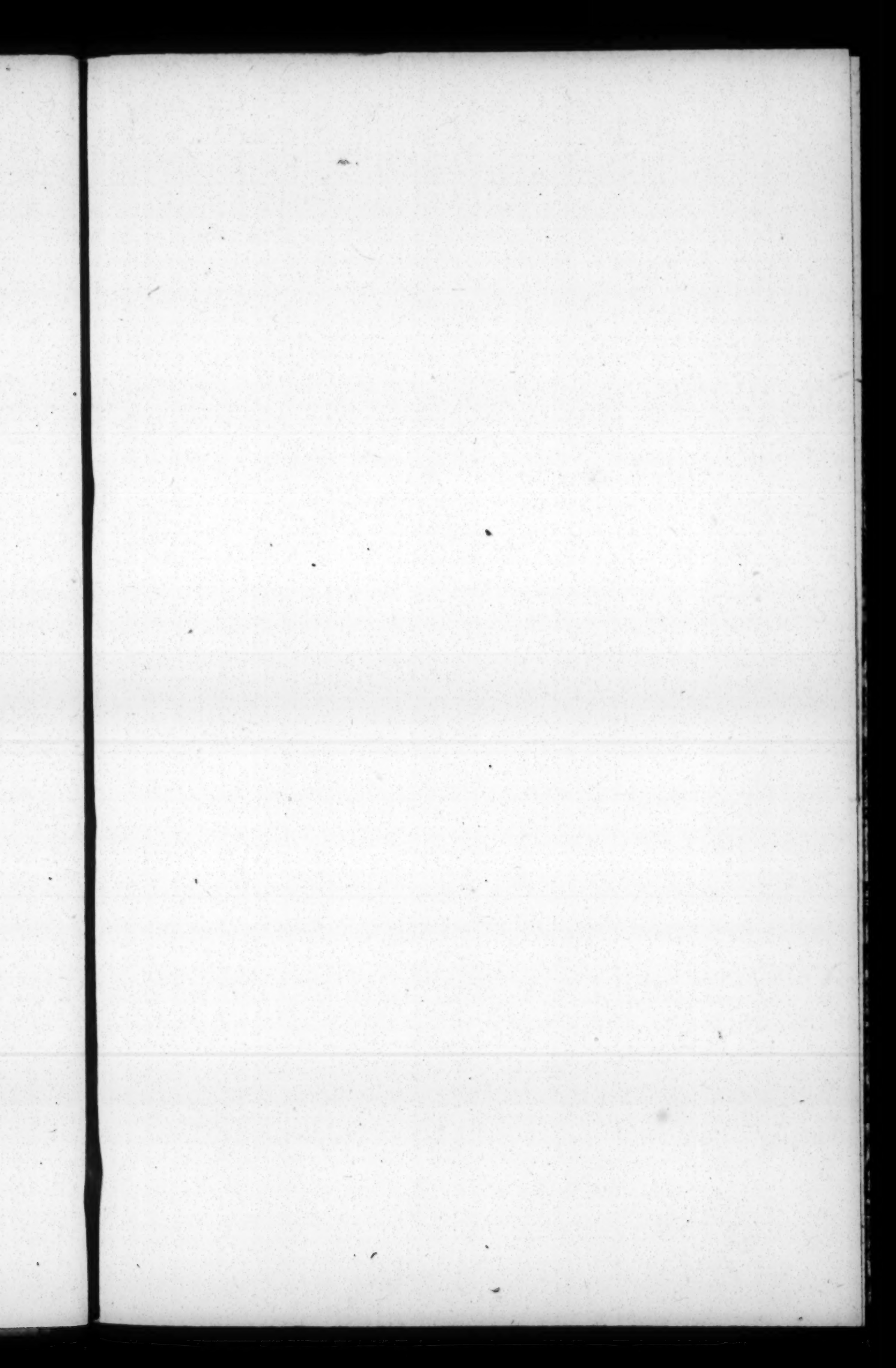
For my Hon<sup>d</sup> Friend  
m<sup>r</sup> Samuel Sewall,















Bound August 1937





